

FORM PTO-1390 (Modified)  
(REV 11-98)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

MC 9172/03

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

09/936682

PRIORITY DATE CLAIMED  
30 October 2000INTERNATIONAL APPLICATION NO.  
PCT/US 00 29835INTERNATIONAL FILING DATE  
30 October 2000

TITLE OF INVENTION

*"System and Method for Analyzing and Imaging Three-Dimensional Volume Data Set"*

APPLICANT(S) FOR DO/EO/US

CHEUNG, Yin L.; LEES, Jack; SEMBROSKI, Charles; ZEITLIN, Michael J.; and ACOSTA, Mark

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ has been transmitted by the International Bureau.
  - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ A copy of the International Search Report (PCT/ISA/210).
8. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
9. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
10. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 13 to 20 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A change of power of attorney and/or address letter.
19. ☒ Certificate of Mailing by Express Mail
20. ☒ Other items or information:

Petition to Make Special under the Energy Program and Statement in Support  
Confirmation Postcard

531 Rec'd PCT/

17 SEP 2001

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.53) 09/936882  
 INTERNATIONAL APPLICATION NO. PCT/US 00 29835  
 ATTORNEY'S DOCKET NUMBER MGER.79172/03

CALCULATIONS PTO USE ONLY

21. The following fees are submitted:

**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):**

- ☒ Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$1,000.00
- ☐ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$860.00
- ☐ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$710.00
- ☐ International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$690.00
- ☐ International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

\$1,000.00

\$0.00

Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (e)).

| CLAIMS   | NUMBER FILED | NUMBER EXTRA | RATE      |            |
|--|--------------|--------------|-----------|------------|
| Total claims                                     | 41 - 20 =    | 21           | x \$18.00 | \$378.00   |
| Independent claims                               | 4 - 3 =      | 1            | x \$80.00 | \$80.00    |
|  |              |              |           | \$0.00     |
| Multiple Dependent Claims (check if applicable). |              |              |           | \$1,458.00 |

**TOTAL OF ABOVE CALCULATIONS =**

Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28) (check if applicable).

**SUBTOTAL =**

\$1,458.00

Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492 (f)).

**TOTAL NATIONAL FEE =**

\$1,458.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).

**TOTAL FEES ENCLOSED =**

\$40.00

\$1,498.00

Amount to be:  
refunded \$  
charged \$

☐ A check in the amount of \_\_\_\_\_ to cover the above fees is enclosed.

☒ Please charge my Deposit Account No. 19-2112 in the amount of \$1,498.00 to cover the above fees.

☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 19-2112. A duplicate copy of this sheet is enclosed.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

William P. Jensen, Esq.  
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SIGNATURE

William P. Jensen

NAME

36,833

REGISTRATION NUMBER

September 17, 2001

DATE

9/936682

531 Rec'd PCT/PTO 17 SEP 2001

Practitioner's Docket No. MGER.79172/03

IN THE UNITED STATES

- ☒ RECEIVING OFFICE (RO/US)  
☐ DESIGNATED OFFICE (DO/US)  
☐ ELECTED OFFICE (EO/US)

|                               |                           |                       |
|-------------------------------|---------------------------|-----------------------|
| PCT/US 00 29835               | 30 October 2000           | 30 October 2000       |
| INTERNATIONAL APPLICATION NO. | INTERNATIONAL FILING DATE | PRIORITY DATE CLAIMED |

"System and Method for Analyzing and Imaging Three-Dimensional Volume Data Set"  
TITLE OF INVENTION

CHEUNG, Yin L.; LEES, Jack; SEMBROSKI, Charles; ZEITLIN, Michael J.; and ACOSTA, Mark  
APPLICANTS FOR DO/US

Box PCT  
Assistant Commissioner for Patents  
Washington, D.C. 20231

**VERIFIED CERTIFICATION OF EXPRESS MAILING DATE  
(INTERNATIONAL APPLICATION (37 CFR 1.10(c))**

I declare that, on **September 17, 2001**, I deposited, with the United States Postal Service, in an envelope "Express Mail, Post Office to Addressee," bearing Label Number **EL 528646331**, addressed to the "Assistant Commissioner for Patents, Washington, D.C. 20231, and having an express mail certification that I executed, the following papers:

- Transmittal Letter to United States Designated/Elected Office (DO/EO/US) Concerning a Filing under 35 U.S.C. 371
- Petition to Make Special Under Energy Program and Statement in Support
- Declaration of Inventors
- Assignment and Recordation Cover Sheet, Assignment and \$40 fee (charged to deposit account)
- Combined Declaration and Power of Attorney
- Information Disclosure Statement and Form 1449
- Confirmation Postcard

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under §1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application of any patent issuing thereon.

Date: September 17, 2001

  
Meryl Gayne